

**Abstract**

An apparatus for depositing bone graft material into a mammalian body comprises a barrel member having an inner surface with internal threads. The barrel includes an exit port through which bone graft material placed into the barrel exits the barrel. A plunger member is disposed coaxially within the barrel member for pushing the bone graft material toward the exit port in the barrel. A mechanism is provided for advancing the plunger member within the barrel member. The plunger member can be rotatable and include external threads that are complimentary to and engaged with the internal threads in the barrel member to assist in moving the bone graft material toward the exit port in the barrel.